



United States Steel Corporation
Clairton Works
400 State Street
Clairton, PA 15025-1855

AFS # 42-003-00032

January 24, 2003

Dr. Roger C. Westman
Department of Air Quality
Bureau of Air Pollution Control
301 Thirty-Ninth Street
Pittsburgh, PA 15201

U.S. Environmental Protection Agency
Region III
Air, Radiation & Toxics Division
1650 Arch Street
Philadelphia, PA 19103-2029
ATTN: James W. Hagedorn (3AT23)

Assistant Council
Department of Environmental Protection
Southwest Region
400 Waterfront Drive
Pittsburgh, PA 15222-4745
ATTN: Ward Kelsey, Esq.


Department of Justice
Environmental and Natural Resource Division
Environmental Enforcement Section
P.O. Box 7611
Ben Franklin Station
Washington, D.C. 20044
ATTN: David Street, Esq.

Subject: USS Reference Number: 03-0006
Sulfur Plant
USS Clairton Works

Gentlemen:

The attached form confirms our verbal report of the subject incident. Any questions concerning this matter should be referred to Coleen M. Davis at 233-1015.

Sincerely,



R. R. Terza
General Manager
Clairton Works Raw Materials

NOTICE OF OUTAGE OF EQUIPMENT
ARTICLE XXI - SECTION 2108.1

1. USS Reference Number: 03-0006
 2. Date & Time of Breakdown: Date: 01/22/03 Time: 1500 hours
 3. Company Name: U.S. Steel Corporation - USS Clairton Works
 4. Specific Equipment Involved or Affected: Sulfur Plant
 5. BAPC Permit Number (if applicable):
 6. Location: Clairton, PA
 7. Nature and cause of breakdown: Gas flow through the Sulfur Plant was disrupted when the lubricating oil to the C658 axi compressor was lost damaging the compressor. The back-up oil pump failed to come on-line.
 8. Identification of Emissions:
 - A. Type(s) (CO, NOX, SO₂, Particulates, Hydrocarbons, etc.)
Hydrogen Sulfide in the down river gas, causing higher SO₂ at the combustion points. The daily average grains of H₂S exceeded 40.
 - B. Toxic qualities of each type (including its qualities as an irritant, and its potential for causing illness, disability, or mortality). SO₂ is an eye, nose, and throat irritant.
 - C. Amount of each type emitted (or likely to be emitted).
- | Chemical | Quantity Released (lbs) |
|-----------------|-------------------------|
| CO | 3 |
| SO ₂ | 24 |
9. Measures taken (or to be taken) to minimize length of breakdown and amount of emissions, including shutdown or curtailment (or why it is impossible or impractical to do so).
The spare 101J Axi was put on-line and carried the full load.
 10. Facility back in operation - Date: 01/22/03 Time: 2355 hours

Signature

Coleen M. Davis

Date *1/29/03*

Coleen M. Davis

Senior Environmental Control Engineer

Phone: 233-1015